

## VOICE RECOGNITION IN A VEHICLE RADIO SYSTEM

### ABSTRACT

A vehicle radio system and a method of operating the vehicle radio system are provided in accordance with the present invention. The vehicle radio system includes a radio receiver that is configured to receive a radio signal from a broadcast station, a microphone that is configured to receive an audible from an operator of the vehicle radio system and generate an audible signal from said audible and a tuning module configured to receive the radio signal from the radio receiver and the audible signal from the microphone. The tuning module includes a storage module configured to store a first phoneme string and a first channel number associated with the first phoneme string, a voice recognition engine configured to compare a phoneme in the audible signal with the first phoneme string stored in the storage module and a tuner configured to tune the radio receiver to the first channel number when the voice recognition engine identifies the phoneme as the first phoneme string.